

To: Stephanie Vaughn/R2/USEPA/US@EPA[]
Cc: "Kristen Durocher" [kristen.durocher@aecom.com]; Sharon Budney" [BudneySL@cdm.com]; Willard Potter" [otto@demaximis.com]
From: "Robert Law"
Sent: Thur 8/30/2012 4:34:11 PM
Subject: Fwd: Daily Report CWCM Low Flow Event - August 29, 2012

This email provides an update of activities conducted on Wednesday August 29, 2012 to support the low flow small volume chemical water column monitoring sampling event.

Three sampling teams and one support vessel were operating on Wednesday on the Lower Passaic River.

The Osprey sampled at LPR RM 0.
The Echo Echo sampled at LPR RM 1.4.
The Skiff sampled at the Dundee Dam.
The Must Do served as the support vessel for the sampling vessels.

The Dundee Dam team was underway from the CPG facility by 11:00. The LPR teams left the dock at 12:20 and were off the water by approximately 00:25 (08/29/12).

Samples

Seventeen samples were collected on Wednesday from the following locations:

Dundee Dam (1)
RM 0 (8)
RM 1.4 (8)

QC Samples

An MS/MSD sample was collected from RM 1.4 at low tide from the bottom location.
An MS/MSD sample was collected from the Dundee Dam station.

EPA Oversight

Oversight staff from CDM Smith (Jeff Rakowski, and Sean O'Hare) were on site until approximately 18:00, splitting samples and conducting visual oversight. Three EPA splits were collected:

At RM 0 during low tide at the surface and the bottom locations
At RM 1.4 during the flood tide at the bottom location

Shipping

Eleven (11) coolers containing all samples except mercury and methylmercury collected on Wednesday from above Dundee Dam were shipped via UPS. Non-trust bacteria samples were picked up via courier.

Mercury and methylmercury from above Dundee Dam and Group A and B parameters from RM 0 and RM 1.4 were held cold, under chain of custody at the CPG facility overnight.

Other Activities

A Health and Safety briefing was held on each vessel prior to leaving the dock, and in the facility. No Health and Safety incidents were noted today.

New equipment proposed for use in the High Volume CWCM program was tested off the CPG dock by another sampling crew consisting of AECOM, Gravity, and Analytical Perspectives personnel. CDM-Smith oversight briefly observed the sampling during the day. One sample (400 L) was collected and stored at the facility under chain of custody for shipment to Analytical Perspectives on August 30, 2012.

Planned Activities

Sampling for low flow CWCM on Thursday continues on the Lower Passaic River Study Area. Sampling at the Tidal 1, Tidal 2, and RM 10.2 locations is set to begin at 14:02.

Boat crews for Tidal 1 and Tidal 2 stations will launch from the Passaic River Yacht Club at 13:00 on Thursday. The boat crew for the RM 10.2 station will launch at an upriver location.

EPA splits are planned on the low tide RM 10.2 bottom station (field duplicate).